



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

आईसीटी विशेषज्ञ

ICT specialists manage computer networks, information systems, cloud and cybersecurity. With Digital India and digitisation everywhere, this career is in high demand in 2026.



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/eng-6982

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी · मास्टर ट्रेनर
Principal, GSSS Jethantri · Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास · व्याख्याता (इतिहास)
Designed & developed · Lecturer (History)

विशेष धन्यवाद · SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) · रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) · रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) · रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) · रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। · An independent project based on the Government's official career-guidance content.

1 About this career

ICT specialists manage computer networks, information systems, cloud and cybersecurity. With Digital India and digitisation everywhere, this career is in high demand in 2026.

2 At a glance

Minimum qualification	B.Tech/B.Sc. IT-CS or equivalent + certifications
Work mode	Desk/office job, hybrid-remote possible
Demand	High (cloud, cybersecurity, e-governance)
Top earning	₹25 lakh/year or more

3 What you need

INTERESTS

- Interest in computers and new technology
- Building new, modern things
- Solving problems

ABILITIES

- Working with software and devices
- Ability to keep learning continuously
- Understanding data and logical relationships

KEY SKILLS

- Networking (Cisco/CCNA level)
- Cloud platforms (AWS/Azure)
- Databases and scripting (SQL, Python)
- Project and vendor management
- OS and server administration (Linux/Windows)
- Cybersecurity fundamentals
- Troubleshooting and user support

4 How to get there

- 1 Complete Class 12 Science (PCM)
- 2 Do B.Tech CSE-IT or BCA/B.Sc. IT
- 3 Earn networking, cloud and security certifications
- 4 Get hands-on experience via internships/helpdesk
- 5 Do M.Tech/MCA or MBA in IT management (optional)

MAIN EXAMS

- JEE Main / REAP (B.Tech admission)
- GATE (M.Tech and PSU recruitment)
- NIMCET/CUET (MCA/UG admission)

5 Where to study

GOVERNMENT INSTITUTES

- आईआईटी जोधपुर — Jodhpur, Rajasthan (<https://www.iitj.ac.in>)
- एमएनआईटी जयपुर — Jaipur, Rajasthan (<https://www.mnit.ac.in>)
- एमबीएम विश्वविद्यालय — Jodhpur, Rajasthan (<https://www.mbm.ac.in>)
- राजस्थान तकनीकी विश्वविद्यालय (RTU) — Kota, Rajasthan
- एनआईईएलआईटी केंद्र — Jaipur and other cities (<https://www.nielit.gov.in>)

PRIVATE INSTITUTES

- बिट्स पिलानी — Pilani, Rajasthan (<https://www.bits-pilani.ac.in>)
- एलएनएमआईआईटी — Jaipur, Rajasthan

ONLINE

- IGNOU — Distance education, national (<https://www.ignou.ac.in>)

FEES

About ₹20,000-1.5 lakh/year in government institutes; higher in private colleges. Certificate courses ₹5,000-50,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in>)

- राजस्थान सामाजिक न्याय छात्रवृत्ति (<https://sje.rajasthan.gov.in/>)
- विद्या लक्ष्मी शिक्षा ऋण पोर्टल (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

IT companies, consulting firms, banks, hospitals, government departments and e-governance agencies.

WORK CULTURE

Office job; 5 days a week, 8-9 hours; on-call support and overtime possible; remote work options.

WHO HIRES

- IT majors like TCS, Infosys, Wipro
- Banks and insurance companies
- NIC and e-governance projects
- Rajasthan DoIT&C (state IT department)
- Telecom companies (Jio, Airtel)
- Startups and global capability centres (GCCs)

DEMAND (2026)

Cloud adoption, cybersecurity needs and e-governance keep ICT demand high in 2026; Jaipur's IT hubs are also growing.

7 Career growth

- 1 IT support/network engineer
- 2 Systems analyst
- 3 ICT specialist
- 4 System administrator/architect
- 5 IT manager/CTO

EARNINGS

Starting	₹30,000-50,000
Mid level	₹70,000-1,20,000
Senior level	₹1,50,000-2,10,000+

Monthly estimates (2026). Cloud-security specialisation pays more; source range ₹4-25 lakh/year.

8 The good parts · The challenges

The good parts

- High demand and fast salary growth
- Remote/hybrid work flexibility
- Opportunities in every industry

The challenges

- Constant learning as technology changes
- On-call duty and long screen hours
- Deadline pressure

9 Real-life journeys

Debjani Ghosh

Former President, NASSCOM

Debjani Ghosh became the first woman to lead NASSCOM, India's apex IT industry body, in its three-decade history. Before that she headed Intel for South Asia, another first for a woman. She believes technology must reach every Indian and inspires girls to take up careers in ICT.

The Week · <https://www.theweek.in/theweek/specials/2022/03/06/nasscom-president-debjani-ghosh-is-the-torchbearer-for-women-at-workplace.html>

Osama Manzar

Founder of Digital Empowerment Foundation

Small-town-raised Osama Manzar founded the Digital Empowerment Foundation in 2002, taking internet access and digital literacy to thousands of villages. His work shows how ICT skills can transform rural India.

Civil Society Magazine · <https://www.civilsocietyonline.com/mega-hall-of-fame/digital-crusader-osama-manzar/>

10 Sources & further reading

1. Rajasthan Career Guidance - ICT Specialist — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%86%e0%a4%88%e0%a4%b8%e0%a5%80%e0%a4%9f%e0%a5%80-%e0%a4%b5%e0%a4%bf%e0%a4%b6%e0%a5%87%e0%a4%b7%e0%a4%9c%e0%a5%8d%e0%a4%9e-ict-specialist/>
2. NIELIT (National Institute of Electronics & IT) — <https://www.nielit.gov.in>
3. National Career Service (NCS) — <https://www.ncs.gov.in>
4. NIRF Rankings — <https://www.nirfindia.org>



And 770+ more careers — the whole portal

Interest and aptitude tests, government jobs, skill courses and a CV builder — free, no login, and it works offline.

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